



Form PTO 1449  
(Modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.  
251418US2

SERIAL NO.  
10/817,249

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Tohru NAKANO, et al.

FILING DATE  
April 5, 2004

GROUP  
2852

U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE     | NAME            | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|--------------------|----------|-----------------|-------|--------------|-------------------------------|
| RW                  | AA | 5,270,740          | 12/14/93 | NARUSE et al.   |       |              |                               |
|                     | AB | 5,412,413          | 05/02/95 | SEKIYA et al.   |       |              |                               |
|                     | AC | 5,146,236          | 09/08/92 | HIRATA et al.   |       |              |                               |
|                     | AD | 5,600,356          | 02/04/97 | SEKIYA et al.   |       |              |                               |
|                     | AE | 5,260,723          | 11/09/93 | NARUSE et al.   |       |              |                               |
|                     | AF | 4,800,398          | 01/24/89 | NARUSE et al.   |       |              |                               |
|                     | AG | 4,550,321          | 10/29/85 | SATO et al.     |       |              |                               |
|                     | AH | 4,558,995          | 12/17/85 | FURUKAWA et al. |       |              |                               |
|                     | AI | 4,520,367          | 05/28/85 | ISHIKAWA et al. |       |              |                               |
|                     | AJ | 4,535,339          | 08/13/85 | HORIKE et al.   |       |              |                               |
|                     | AK | 4,502,055          | 02/26/85 | HORIKE et al.   |       |              |                               |
|                     | AL | 4,510,509          | 04/09/85 | HORIKE et al.   |       |              |                               |
|                     | AM | 4,504,844          | 03/12/85 | EBI et al.      |       |              |                               |
|                     | AN | 4,562,442          | 12/31/85 | JINNAI et al.   |       |              |                               |

FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT<br>NUMBER | DATE | COUNTRY | TRANSLATION |    |
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|  |    |                    |      |         | YES         | NO |
|  | AO |                    |      |         |             |    |
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

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|  | AZ |  |

☐ Additional References sheet(s) attached

Examiner

*B. D. Wal*

Date Considered

*9-14-06*

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Form PTO 1449<br>(Modified)  |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |          | ATTY DOCKET NO.<br>251418US2      |  | SERIAL NO.<br>10/817,249 |                               |
|--|----|--|----------|-----------------------------------|--|--------------------------|-------------------------------|
| LIST OF REFERENCES CITED BY APPLICANT  |    |  |          | APPLICANT<br>Tohru NAKANO, et al. |  |                          |                               |
|  |    |  |          | FILING DATE<br>April 5, 2004      |  | GROUP<br>2852            |                               |
| <b>U.S. PATENT DOCUMENTS</b>   |    |  |          |                                   |  |                          |                               |
| EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER   | DATE     | NAME                              | CLASS  | SUB<br>CLASS             | FILING DATE<br>IF APPROPRIATE |
| RW<br>↓  | AA | 4,434,428  | 02/28/84 | HORIKI et al.                     |  |                          |                               |
|  | AB | 4,429,317  | 01/31/84 | UMEZAWA et al.                    |  |                          |                               |
|  | AC | 4,435,720  | 03/06/84 | HORIKI et al.                     |  |                          |                               |
|  | AD | 4,418,352  | 11/29/83 | HORIKI et al.                     |  |                          |                               |
|  | AE | 4,437,101  | 03/13/84 | EBI et al.                        |  |                          |                               |
|  | AF | 4,393,385  | 07/12/83 | JINNAI et al.                     |  |                          |                               |
|  | AG | 4,426,652  | 01/17/84 | HORIKI et al.                     |  |                          |                               |
|  | AH | 4,364,060  | 12/14/82 | JINNAI et al.                     |  |                          |                               |
|  | AI | 4,370,664  | 01/25/83 | HORIKI et al.                     |  |                          |                               |
|  | AJ | 4,395,717  | 07/26/83 | HORIKI et al.                     |  |                          |                               |
|  | AK | 4,364,061  | 12/14/82 | HORIKI et al.                     |  |                          |                               |
|  | AL | 4,365,255  | 12/21/82 | HORIKI et al.                     |  |                          |                               |
|  | AM | 4,400,705  | 08/23/83 | HORIKI                            |  |                          |                               |
|  | AN | 4,286,273  | 08/25/81 | HORIKI                            |  |                          |                               |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |  |          |                                   |  |                          |                               |
|  |    | DOCUMENT<br>NUMBER   | DATE     | COUNTRY                           | TRANSLATION  |                          |                               |
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|  | AW |  |          |                                   |  |                          |                               |
|  | AX |  |          |                                   |  |                          |                               |
|  | AY |  |          |                                   |  |                          |                               |
|  | AZ |  |          |                                   |  |                          |                               |
|  |    |  |          |                                   | <input type="checkbox"/> Additional References sheet(s) attached |                          |                               |
| Examiner <i>R. D. Wan</i>  |    |  |          |                                   | Date Considered <i>9-14-06</i>                                   |                          |                               |
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|---------------------|----|--------------------|----------|-----------------|-------|--------------|-------------------------------|
| <i>RW</i>           | AA | 4,310,846          | 01/12/82 | HORIKE          |       |              |                               |
|                     | AB | 4,281,332          | 07/28/81 | HORIKE          |       |              |                               |
|                     | AC | 4,288,797          | 09/08/81 | HORIKE et al.   |       |              |                               |
|                     | AD | 4,293,865          | 10/06/81 | JINNAI et al.   |       |              |                               |
|                     | AE | 4,313,123          | 01/26/82 | JINNAI et al.   |       |              |                               |
|                     | AF | 4,231,047          | 10/28/80 | IWASAKI et al.  |       |              |                               |
|                     | AG | 4,217,595          | 08/12/80 | HORIKE et al.   |       |              |                               |
|                     | AH | 4,228,440          | 10/14/80 | HORIKE et al.   |       |              |                               |
|                     | AI | 4,231,048          | 10/28/80 | HORIKE et al.   |       |              |                               |
|                     | AJ | 4,178,595          | 12/11/79 | JINNAI et al.   |       |              |                               |
|                     | AK | 4,173,402          | 11/06/79 | HORIKE et al.   |       |              |                               |
|                     | AL | 4,626,867          | 12/02/86 | FURUKAWA et al. |       |              |                               |
|                     | AM | 4,677,845          | 07/07/87 | IZUMI et al.    |       |              |                               |
|                     | AN | 4,834,533          | 05/30/89 | HORIKE et al.   |       |              |                               |

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|---------------------|----|--------------------|----------|------------------|-------|--------------|-------------------------------|
| <i>W</i>            | AA | 4,847,631          | 07/11/89 | NARUSE et al.    |       |              |                               |
|                     | AB | 5,508,477          | 04/16/96 | KATO et al.      |       |              |                               |
|                     | AC | 5,818,482          | 10/06/98 | OHATA et al.     |       |              |                               |
|                     | AD | 5,937,228          | 08/10/99 | SHOJI et al.     |       |              |                               |
|                     | AE | 6,115,576          | 09/05/00 | NAKANO et al.    |       |              |                               |
|                     | AF | 6,215,974          | 04/10/01 | KATOH et al.     |       |              |                               |
|                     | AG | 6,366,751          | 04/02/02 | SHAKUTO et al.   |       |              |                               |
|                     | AH | 6,611,672          | 08/26/03 | AOKI et al.      |       |              |                               |
|                     | AI | 6,640,073          | 10/28/03 | KUROTORI et al.  |       |              |                               |
|                     | AJ | 6,708,014          | 03/16/04 | MIYAGUCHI et al. |       |              |                               |
|                     | AK | 6,735,408          | 05/11/04 | YOSHINO et al.   |       |              |                               |
|                     | AL | 6,738,592          | 05/18/04 | SASAKI et al.    |       |              |                               |
|                     | AM | 6,721,523          | 04/13/04 | SUGIURA et al.   |       |              |                               |
|                     | AN | 6,654,579          | 11/25/03 | SHAKUTO et al.   |       |              |                               |

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| <b>RW</b>   | AA | 6,625,409  | 09/23/03 | SHAKUTO et al.                           |  |                                 |                               |
|   | AB |  |          |  |  |                                 |                               |
|   | AC |  |          |  |  |                                 |                               |
|   | AD |  |          |  |  |                                 |                               |
|   | AE |  |          |  |  |                                 |                               |
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|   | AZ |  |          |  |  |                                 |                               |
| Examiner <b>Ry D War</b>  |    |  |          |  | <input type="checkbox"/> Additional References sheet(s) attached<br>Date Considered <b>9-14-06</b> |                                 |                               |
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|    |    | DOCUMENT<br>NUMBER | DATE       | COUNTRY                                    | TRANSLATION |    |
|----|----|--------------------|------------|--|-------------|----|
|    |    |                    |            |  | YES         | NO |
| rw | AO | 2001-188452        | 07/10/2001 | JAPAN ( <del>with English Abstract</del> ) |             | X  |
|    | AP | 2000-267536        | 09/29/2000 | JAPAN ( <del>with English Abstract</del> ) |             | X  |
|    | AQ | 62-201489          | 09/05/1987 | JAPAN ( <del>with English Abstract</del> ) |             | X  |
|    | AR | 6-51673            | 02/25/1994 | JAPAN ( <del>with English Abstract</del> ) |             | X  |
|    | AS | 11-30938           | 02/02/1999 | JAPAN ( <del>with English Abstract</del> ) |             | X  |
|    | AT |                    |            |  |             |    |
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|   | Docket No.: 251418US2          | Serial No.: 10/817,249 |
| LIST OF RELATED CASES CITED BY<br>APPLICANT UNDER 37 CFR 1.56 | Inventor: Tohru NAKANO, et al. |                        |
|   | Filing Date: April 5, 2004     | Group: 2853<br>2852    |

**LIST OF RELATED CASES**

| Examiner<br>Initial | Docket No.            | Serial or<br>Patent Number | Filing or<br>Issue Date | Patent App.<br>Publication No. | Inventor or<br>Applicant |
|---------------------|-----------------------|----------------------------|-------------------------|--------------------------------|--------------------------|
|                     | <del>251418US2*</del> | <del>10/817,249</del>      | <del>04/05/04</del>     |                                | <del>NAKANO et al.</del> |
| RW                  | 286521US2             | 11/370,057                 | 03/08/06                | —                              | YAMADA et al.            |
| RW                  | 287320US2             | 11/370,823                 | 03/09/06                | —                              | NAKAGAWA et al.          |
| RW                  | 287712US2             | 11/376,434                 | 03/16/06                | —                              | TAKAHASHI et al.         |

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\*Present Application; listed for information

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LIST OF RELATED CASES

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|----------------------|------------------------------------|---------------------------------|---|--------------------------------|
| 251418US2*           | 10/817,249                         | 04/05/04                        | 2004/0197122                            | NAKANO, et al.                 |
| 271294US3            | 11/126,233                         | 05/11/05                        |   | NARUSE, et al.                 |

\*Present Application; listed for information

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|----------------------|------------------------------------|---------------------------------|---|--------------------------------|
| 251418US2*           | 10/817,249                         | 04/05/04                        | US 2004/0197122 A1                      | NAKANO, et al.                 |
| 263264US2            | 11/011,193                         | 12/15/04                        |   | NAKAZATO, et al.               |

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